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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	L2 NOT L4	10
<input type="checkbox"/>	L4	L2 AND INHIBITOR	10
<input type="checkbox"/>	L2	L1 WITH MANNOSIDASE	20
<input type="checkbox"/>	L1	GLUCOCEREBROSIDASE WITH GENE	658

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☐ 1. Document ID: US 20060063733 A1

L4: Entry 1 of 10

File: PGPB

Mar 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060063733

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060063733 A1

TITLE: Methods of reducing an immune response

PUBLICATION-DATE: March 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chu; Quiming	Belmont	MA	US

US-CL-CURRENT: [514/44](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. Data
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☐ 2. Document ID: US 20050289658 A1

L4: Entry 2 of 10

File: PGPB

Dec 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050289658

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050289658 A1

TITLE: System for regulating in vivo the expression of a transgene by conditional inhibition

PUBLICATION-DATE: December 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Scherman, Daniel	Paris		FR
Bettan, Michael	Paris		FR
Bigey, Pascal	Paris		FR

US-CL-CURRENT: [800/14](#); [424/93.2](#), [435/456](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. Data
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☐ 3. Document ID: US 20050220766 A1

L4: Entry 3 of 10

File: PGPB

Oct 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050220766

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050220766 A1

TITLE: Viral vectors and methods for producing and using the same

PUBLICATION-DATE: October 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Amalfitano, Andrea	Durham	NC	US
Koeberl, Dwight D.	Durham	NC	US
Sun, Baodong	Morrisville	NC	US

US-CL-CURRENT: 424/93.2; 435/235.1, 435/456

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
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☐ 4. Document ID: US 20040248262 A1

L4: Entry 4 of 10

File: PGPB

Dec 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040248262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040248262 A1

TITLE: Constructs for expressing lysomal polypeptides

PUBLICATION-DATE: December 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Koeberl, Dwight D.	Durham	NC	US
Sun, Baodong	Morrisville	NC	US

US-CL-CURRENT: 435/69.7; 435/206, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
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☐ 5. Document ID: US 20030073653 A1

L4: Entry 5 of 10

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073653

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030073653 A1

TITLE: Method for transferring nucleic acid into striated muscles

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bureau, Michel	Saint Cloud		FR
Mir, Lluís	Verrieres le Buisson		FR
Scherman, Daniel	Paris		FR

US-CL-CURRENT: 514/44; 435/366, 435/461, 604/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 20020166132 A1

L4: Entry 6 of 10

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020166132

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020166132 A1

TITLE: System for regulating in vivo the expression of a transgene by conditional inhibition

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Scherman, Daniel	Paris		FR
Bettan, Michael	Paris		FR
Bigey, Pascal	Paris		FR

US-CL-CURRENT: 800/8; 514/44, 800/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 20020012914 A1

L4: Entry 7 of 10

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012914

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020012914 A1

TITLE: METHOD FOR TRANSFERRING NUCLEIC ACID INTO MULTICELLED EUKARYOTIC ORGANISM CELLS AND COMBINATION THEREFOR

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
BUREAU, MICHEL	SAINT CLOUD		FR
MIR, LLUIS	VERRIERES LE BUISSON		FR
SCHERMAN, DANIEL	PARIS		FR

US-CL-CURRENT: [435/6](#); [435/455](#), [435/461](#), [514/44](#), [536/23.1](#), [536/24.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 8. Document ID: US 7018628 B1

L4: Entry 8 of 10

File: USPT

Mar 28, 2006

US-PAT-NO: 7018628

DOCUMENT-IDENTIFIER: US 7018628 B1

TITLE: Vectors derived from baculovirus and use for transferring nucleic acids into nerve cells of vertebrates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 9. Document ID: US 6939862 B2

L4: Entry 9 of 10

File: USPT

Sep 6, 2005

US-PAT-NO: 6939862

DOCUMENT-IDENTIFIER: US 6939862 B2

TITLE: Method for transferring nucleic acid into striated muscles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 10. Document ID: US 6528315 B2

L4: Entry 10 of 10

File: USPT

Mar 4, 2003

US-PAT-NO: 6528315

DOCUMENT-IDENTIFIER: US 6528315 B2

**** See image for Certificate of Correction ****

TITLE: Method for transferring nucleic acid into multicelled eukaryotic organism cells and combination therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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Terms	Documents
L2 AND INHIBITOR	10

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20060057114 A1

L5: Entry 1 of 10

File: PGPB

Mar 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060057114

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060057114 A1

TITLE: Methods of using vectors to treat metabolic disorders

PUBLICATION-DATE: March 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Whitley; Chester B.	Brooklyn Park	MN	US
McIvor; R. Scott	St. Louis Park	MN	US

US-CL-CURRENT: [424/93.2](#); [435/456](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw De
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☐ 2. Document ID: US 20050265988 A1

L5: Entry 2 of 10

File: PGPB

Dec 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050265988

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050265988 A1

TITLE: Glycosylated glucocerebrosidase expression in fungal hosts

PUBLICATION-DATE: December 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Choi, Byung-Kwon	Norwich	VT	US
Rios, Sandra Edith	Lebanon	NH	US
Wildt, Stefan	Lebanon	NH	US
Gerngross, Tillman Ulf	Hanover	NH	US

US-CL-CURRENT: [424/94.61](#); [435/200](#), [435/254.2](#), [435/483](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 20050019929 A1

L5: Entry 3 of 10

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050019929

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050019929 A1

TITLE: Deleted adenovirus vectors and methods of making and administering the same

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Amalfitano, Andrea	Durham	NC	US
Chen, Yuan Tsong	Chapel Hill	NC	US
Hu, Huimin	Memphis	TN	US
Hodges, Bradley Lowell	Milford	MA	US

US-CL-CURRENT: 435/456; 435/235.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20030165462 A1

L5: Entry 4 of 10

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165462

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165462 A1

TITLE: Deleted adenovirus vectors and methods of making and administering the same

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Amalfitano, Andrea	Durham	NC	US
Chen, Yuan Tsong	Chapel Hill	NC	US
Hu, Huimin	Memphis	TN	US

US-CL-CURRENT: 424/93.2; 435/235.1, 435/320.1, 435/456

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20030109472 A1

L5: Entry 5 of 10

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109472
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030109472 A1

TITLE: Replicating adenovirus vectors

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Amalfitano, Andrea	Durham	NC	US
Hodges, Bradley L.	Milford	MA	US
Koeberl, Dwight D.	Durham	NC	US

US-CL-CURRENT: 514/44; 424/93.2, 435/235.1, 435/320.1, 435/456

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 6. Document ID: US 20020102737 A1

L5: Entry 6 of 10

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102737
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020102737 A1

TITLE: Diagnostic methods for pompe disease and other glycogen storage diseases

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Millington, David S.	Chapel Hill	NC	US
An, Yan	Chapel Hill	NC	US
Chen, Yuan Tsong	Chapel Hill	NC	US
Stevens, Robert D.	Durham	NC	US
Young, Sarah P.	Durham	NC	US
Van Hove, Johan L. K.	Mol		BE

US-CL-CURRENT: 436/94; 436/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 7. Document ID: US 6946126 B2

L5: Entry 7 of 10

File: USPT

Sep 20, 2005

US-PAT-NO: 6946126

DOCUMENT-IDENTIFIER: US 6946126 B2

TITLE: Replicating adenovirus vectors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw De
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☐ 8. Document ID: US 6797265 B2

L5: Entry 8 of 10

File: USPT

Sep 28, 2004

US-PAT-NO: 6797265

DOCUMENT-IDENTIFIER: US 6797265 B2

**** See image for Certificate of Correction ****

TITLE: Deleted adenovirus vectors and methods of making and administering the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw De
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☐ 9. Document ID: US 6328958 B1

L5: Entry 9 of 10

File: USPT

Dec 11, 2001

US-PAT-NO: 6328958

DOCUMENT-IDENTIFIER: US 6328958 B1

**** See image for Certificate of Correction ****

TITLE: Deleted adenovirus vectors and methods of making and administering the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw De
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☐ 10. Document ID: AU 2002311780 A8, WO 200279400 A2, US 20030013182 A1, EP 1370665 A2, AU 2002311780 A1, US 6942973 B2

L5: Entry 10 of 10

File: DWPI

Oct 13, 2005

DERWENT-ACC-NO: 2003-067435

DERWENT-WEEK: 200611

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TITLE: Isolating genes encoding enzymes from microorganisms by adding labeled nucleic acid probes isolated from strains cultured with and without substrate to array of random nucleic acid fragments and detecting hybridization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw De
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L2 NOT L4

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INPADOC
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NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
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=> S GLUCOCEREBROSIDASE
L1 6137 GLUCOCEREBROSIDASE

=> S L1 (5A) GENE
L2 1806 L1 (5A) GENE

=> S L2 (5A) MANNOSIDASE
L3 0 L2 (5A) MANNOSIDASE

=> S L2 AND MANNOSIDASE
L4 3 L2 AND MANNOSIDASE

=> D 1-3

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:999706 HCAPLUS <<LOGINID::20060721>>
DN 141:421008
TI Expression of genes for class II and class III ***mannosidases*** in
transgenic fungi for production of glycoproteins with human-like
oligosaccharides
IN Hamilton, Stephen
PA USA
SO U.S. Pat. Appl. Publ., 230 pp., Cont.-in-part of U.S. Ser. No. 371,877.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 20

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004230042	A1	20041118	US 2003-616082	20030708
	US 2002137134	A1	20020926	US 2001-892591	20010627
	US 7029872	B2	20060418		
	EP 1522590	A1	20050413	EP 2004-25648	20010627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
WO	2003056914	A1	20030717	WO 2002-US41510	20021224
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004018590	A1	20040129	US 2003-371877	20030220
AU 2004213861	A1	20040902	AU 2004-213861	20040220
CA 2516544	AA	20040902	CA 2004-2516544	20040220
WO 2004074498	A2	20040902	WO 2004-US5132	20040220
WO 2004074498	A3	20050623		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1597380	A2	20051123	EP 2004-713372	20040220
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PRAI US 2000-214358P P 20000628

US 2000-215638P P 20000630

US 2001-279997P P 20010330

US 2001-892591 A2 20010627

US 2001-344169P P 20011227

WO 2002-US41510 A2 20021224

US 2003-371877 A2 20030220

EP 2001-954606 A3 20010627

US 2003-616082 A 20030708

WO 2004-US5132 W 20040220

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:718691 HCAPLUS <<LOGINID::20060721>>

DN 141:237747

TI Expression of genes for class II and class III ***mannosidases*** in transgenic fungi for production of glycoproteins with human-like oligosaccharides

IN Hamilton, Stephen R.; Gerngross, Tillman U.; Wildt, Stefan; Choi, Byung-Kwon; Nett, Juergen Hermann; Bobrowicz, Piotr; Davidson, Robert C.

PA USA

SO PCT Int. Appl., 225 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 20

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004074498	A2	20040902	WO 2004-US5132	20040220
	WO 2004074498	A3	20050623		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004018590	A1	20040129	US 2003-371877	20030220
	US 2004230042	A1	20041118	US 2003-616082	20030708
	AU 2004213861	A1	20040902	AU 2004-213861	20040220
	CA 2516544	AA	20040902	CA 2004-2516544	20040220
	EP 1597380	A2	20051123	EP 2004-713372	20040220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2003-371877	A2	20030220		
	US 2003-616082	A2	20030708		
	US 2000-214358P	P	20000628		
	US 2000-215638P	P	20000630		
	US 2001-279997P	P	20010330		
	US 2001-892591	A2	20010627		
	US 2001-344169P	P	20011227		
	WO 2002-US41510	A2	20021224		
	WO 2004-US5132	W	20040220		

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:353599 HCAPLUS <<LOGINID::20060721>>
 DN 136:364901
 TI Use of restriction endonucleases to direct integration of transforming DNA
 into genomes of mammalian cell
 IN Lin, Janine; Yaver, Debbie; Foster, Donald; Holly, Richard
 PA Novozymes Biotech, Inc., USA; Zymogenetics
 SO PCT Int. Appl., 106 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036760	A2	20020510	WO 2001-US45045	20011030
	WO 2002036760	A3	20030814		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002027069	A5	20020515	AU 2002-27069	20011030
	EP 1352060	A2	20031015	EP 2001-992773	20011030
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2000-702177	A	20001030		
	WO 2001-US45045	W	20011030		

=> S L1 AND MANNOSIDASE
 L5 74 L1 AND MANNOSIDASE

=> S L5 AND INHIBITOR
 L6 32 L5 AND INHIBITOR

=> DUP REM L6
 PROCESSING COMPLETED FOR L6
 L7 19 DUP REM L6 (13 DUPLICATES REMOVED)

=> D 1-10

L7 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 AN 2006:636753 HCAPLUS <<LOGINID::20060721>>
 TI Bacterial test method by glycated label binding
 IN Pugia, Michael J.; Basu, Manju; Hatch, Robert; Profitt, James A.
 PA USA
 SO U.S. Pat. Appl. Publ., 32 pp., Cont.-in-part of U.S. Ser. No. 170,133.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006141546	A1	20060629	US 2005-34897	20050113
	US 2003232401	A1	20031218	US 2002-170133	20020612
PRAI	US 2002-170133	A2	20020612		

L7 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 AN 2006:168542 HCAPLUS <<LOGINID::20060721>>
 DN 144:227485
 TI Glycosylation engineering for production of galactosylated glycoproteins
 in lower eukaryotes
 IN Davidson, Robert Collier; Gerngross, Tillman Ulf; Wildt, Stefan; Choi, Byung-Kwon; Nett, Juergen Hermann; Bobrowicz, Piotr; Hamilton, Stephen Robin
 PA USA
 SO U.S. Pat. Appl. Publ., 73 pp., Cont.-in-part of U.S. Ser. No. 371,877.
 CODEN: USXXCO

DT Patent
LA English
FAN.CNT 20

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006040353	A1	20060223	US 2005-108088	20050415
	US 2002137134	A1	20020926	US 2001-892591	20010627
	US 7029872	B2	20060418		
	EP 1522590	A1	20050413	EP 2004-25648	20010627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	WO 2003056914	A1	20030717	WO 2002-US41510	20021224
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004018590	A1	20040129	US 2003-371877	20030220
	US 2006034830	A1	20060216	US 2005-187113	20050721
PRAI	US 2000-214358P	P	20000628		
	US 2000-215638P	P	20000630		
	US 2001-279997P	P	20010330		
	US 2001-892591	A2	20010627		
	US 2001-344169P	P	20011227		
	WO 2002-US41510	A2	20021224		
	US 2003-371877	A2	20030220		
	US 2004-562424P	P	20040415		
	EP 2001-954606	A3	20010627		
	US 2004-639657P	P	20041223		
	US 2004-639698P	P	20041223		
	US 2005-500240	A2	20050323		
	US 2005-108088	A2	20050415		

L7 ANSWER 3 OF 19 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN
AN 2006300414 EMBASE <<LOGINID::20060721>>
TI Therapeutic strategies to ameliorate lysosomal storage disorders - A focus on Gaucher disease.
AU Sawkar A.R.; D'Haeze W.; Kelly J.W.
CS J.W. Kelly, Department of Chemistry, Skaggs Institute for Chemical Biology, Scripps Research Institute, 10550 North Torrey Pines Road, San Diego, CA 92037, United States. jkelly@scripps.edu
SO Cellular and Molecular Life Sciences, (2006) Vol. 63, No. 10, pp. 1179-1192. .
Refs: 111
ISSN: 1420-682X E-ISSN: 1569-1632 CODEN: CMLSFI
CY Switzerland
DT Journal; General Review
FS 022 Human Genetics
030 Pharmacology
036 Health Policy, Economics and Management
037 Drug Literature Index
038 Adverse Reactions Titles
LA English
SL English
ED Entered STN: 17 Jul 2006
Last Updated on STN: 17 Jul 2006

L7 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:1154698 HCAPLUS <<LOGINID::20060721>>
DN 143:433718
TI Genetically engineered yeast for production of human-like glycoproteins with terminal galactose residues
IN Davidson, Robert; Gerngross, Tillman; Wildt, Stefan; Choi, Byung-Kwon; Nett, Juergen; Bobrowicz, Piotr; Hamilton, Stephen
PA Glycofi, Inc., USA
SO PCT Int. Appl., 120 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 20

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005100584	A2	20051027	WO 2005-IB51249	20050415
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2004-562424P	P	20040415		

L7 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:74631 HCAPLUS <<LOGINID::20060721>>

DN 142:311899

TI The L-enantiomers of D-sugar-mimicking iminosugars are noncompetitive
inhibitors of D-glycohydrolase?

AU Asano, Naoki; Ikeda, Kyoko; Yu, Liang; Kato, Atsushi; Takebayashi, Kenji; Adachi, Isao; Kato, Ikuo; Ouchi, Hidekazu; Takahata, Hiroki; Fleet, George W. J.

CS Faculty of Pharmaceutical Sciences, Hokuriku University, Kanazawa, 920-1181, Japan

SO Tetrahedron: Asymmetry (2005), 16(1), 223-229

CODEN: TASYE3; ISSN: 0957-4166

PB Elsevier B.V.

DT Journal

LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 19 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
DUPLICATE 1

AN 2004-20673 BIOTECHDS <<LOGINID::20060721>>

TI Producing desired N-glycan, useful for producing human-like glycoprotein in lower eukaryote, comprises expressing ***mannosidase*** that in vivo hydrolyzes Manalpha1,3 and/or Manalpha1,6 glycosidic linkage; production of a recombinant alpha- ***mannosidase*** in a host cell useful for producing N-glycan and other glycoprotein

AU HAMILTON S R; GERNGROSS T U; WILDT S; CHOI B; NETT J H; BOBROWICZ P; DAVIDSON R C

PA HAMILTON S R; GERNGROSS T U; WILDT S; CHOI B; NETT J H; BOBROWICZ P; DAVIDSON R C

PI WO 2004074498 2 Sep 2004

AI WO 2004-US5132 20 Feb 2004

PRAI US 2003-616082 8 Jul 2003; US 2003-371877 20 Feb 2003

DT Patent

LA English

OS WPI: 2004-652965 [63]

L7 ANSWER 7 OF 19 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
DUPLICATE 2

AN 2004-20920 BIOTECHDS <<LOGINID::20060721>>

TI Making a human-like glycoprotein in a lower eukaryotic host cell, comprises introducing or expressing into the cell an N-acetylglucosaminyltransferase III activity, or expressing in the cell enzymatic activities that produce N-glycans; involving vector-mediated gene transfer, expression in host cell

AU BOBROWICZ P; HAMILTON S R; GERNGROSS T U; WILDT S; CHOI B; NETT J H; DAVIDSON R C

PA BOBROWICZ P; HAMILTON S R; GERNGROSS T U; WILDT S; CHOI B; NETT J H; DAVIDSON R C

PI WO 2004074458 2 Sep 2004

AI WO 2004-US5128 20 Feb 2004

PRAI US 2003-680963 7 Oct 2003; US 2003-371877 20 Feb 2003
DT Patent
LA English
OS WPI: 2004-642511 [62]

L7 ANSWER 8 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:999706 HCAPLUS <<LOGINID::20060721>>
DN 141:421008
TI Expression of genes for class II and class III ***mannosidases*** in
transgenic fungi for production of glycoproteins with human-like
oligosaccharides
IN Hamilton, Stephen
PA USA
SO U.S. Pat. Appl. Publ., 230 pp., Cont.-in-part of U.S. Ser. No. 371,877.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 20

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004230042	A1	20041118	US 2003-616082	20030708
	US 2002137134	A1	20020926	US 2001-892591	20010627
	US 7029872	B2	20060418		
	EP 1522590	A1	20050413	EP 2004-25648	20010627
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	WO 2003056914	A1	20030717	WO 2002-US41510	20021224
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004018590	A1	20040129	US 2003-371877	20030220
	AU 2004213861	A1	20040902	AU 2004-213861	20040220
	CA 2516544	AA	20040902	CA 2004-2516544	20040220
	WO 2004074498	A2	20040902	WO 2004-US5132	20040220
	WO 2004074498	A3	20050623		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1597380	A2	20051123	EP 2004-713372	20040220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI	US 2000-214358P	P	20000628		
	US 2000-215638P	P	20000630		
	US 2001-279997P	P	20010330		
	US 2001-892591	A2	20010627		
	US 2001-344169P	P	20011227		
	WO 2002-US41510	A2	20021224		
	US 2003-371877	A2	20030220		
	EP 2001-954606	A3	20010627		
	US 2003-616082	A	20030708		
	WO 2004-US5132	W	20040220		

L7 ANSWER 9 OF 19 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
DUPLICATE 3
AN 2003-21941 BIOTECHDS <<LOGINID::20060721>>
TI Preparing a highly phosphorylated acid beta- ***glucocerebrosidase***
for treating Gaucher's disease comprises contacting an acid beta-
glucocerebrosidase with N-acetylglucosaminyl (GlcNAc)
phosphotransferase and phosphodiester alpha-GlcNAcase;
involving vector-mediated gene transfer and expression in host cell

for use in gene therapy

AU CANFIELD W M
PA GENZYME GLYCOBIOLOGY RES INST INC
PI WO 2003056897 17 Jul 2003
AI WO 2002-US37623 20 Dec 2002
PRAI US 2001-24197 21 Dec 2001; US 2001-24197 21 Dec 2001
DT Patent
LA English
OS WPI: 2003-587057 [55]

L7 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4
AN 2003:991080 HCAPLUS <<LOGINID::20060721>>
DN 140:38424
TI Bacterial test method by glycated label binding
IN Pugia, Michael J.; Basu, Manju; Hatch, Robert; Profitt, James
PA USA
SO U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003232401	A1	20031218	US 2002-170133	20020612
	CA 2489230	AA	20031224	CA 2003-2489230	20030604
	WO 2003106699	A1	20031224	WO 2003-US17688	20030604
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003276366	A1	20031231	AU 2003-276366	20030604
	EP 1549759	A1	20050706	EP 2003-741878	20030604
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005529612	T2	20051006	JP 2004-513512	20030604
	NO 2005000130	A	20050111	NO 2005-130	20050111
	US 2006141546	A1	20060629	US 2005-34897	20050113
PRAI	US 2002-170133	A	20020612		
	WO 2003-US17688	W	20030604		

=> D 11-19

L7 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:301098 HCAPLUS <<LOGINID::20060721>>
DN 138:316492
TI Glycan remodeling and glycoconjugation of peptides and proteins
IN De Frees, Shawn; Zopf, David; Bayer, Robert; Bowe, Caryn; Hakes, David; Chen, Xi
PA Neose Technologies, Inc., USA
SO PCT Int. Appl., 900 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 15

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003031464	A2	20030417	WO 2002-US32263	20021009
	WO 2003031464	A3	20060302		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				

	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
CA	2462930	AA	20030417 CA 2002-2462930 20021009
US	2005106658	A1	20050519 US 2003-492261 20021009
CN	1635901	A	20050706 CN 2002-820073 20021009
JP	2005521635	T2	20050721 JP 2003-534446 20021009
EP	1578771	A2	20050928 EP 2002-795509 20021009
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK		
US	2004137557	A1	20040715 US 2002-287994 20021105
US	2004043446	A1	20040304 US 2003-411037 20030409
US	2004063911	A1	20040401 US 2003-411026 20030409
US	2004077836	A1	20040422 US 2003-410962 20030409
US	2004082026	A1	20040429 US 2003-411049 20030409
US	2004115168	A1	20040617 US 2003-410930 20030409
US	2004126838	A1	20040701 US 2003-410997 20030409
US	2004132640	A1	20040708 US 2003-411012 20030409
US	2004142856	A1	20040722 US 2003-410913 20030409
US	2005031584	A1	20050210 US 2003-410980 20030409
US	2005100982	A1	20050512 US 2003-410897 20030409
CA	2501832	AA	20040422 CA 2003-2501832 20031008
WO	2004033651	A2	20040422 WO 2003-US31974 20031008
WO	2004033651	A3	20060330
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
AU	2003287035	A1	20040504 AU 2003-287035 20031008
BR	2003015178	A	20050816 BR 2003-15178 20031008
EP	1581622	A2	20051005 EP 2003-777555 20031008
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK		
CN	1798501	A	20060705 CN 2003-80105466 20031008
US	2006030521	A1	20060209 US 2005-183205 20050715
US	2006088906	A1	20060427 US 2005-183218 20050715
PRAI	US 2001-328523P	P	20011010
	US 2001-344692P	P	20011019
	US 2001-334233P	P	20011128
	US 2001-334301P	P	20011128
	US 2002-387292P	P	20020607
	US 2002-391777P	P	20020625
	US 2002-396594P	P	20020717
	US 2002-404249P	P	20020816
	US 2002-407527P	P	20020828
	WO 2002-US32263	W	20021009
	US 2002-287994	A2	20021105
	US 2003-360770	A2	20030106
	US 2003-438582P	P	20030106
	US 2003-360779	A2	20030219
	US 2003-448381P	P	20030219
	US 2003-410945	A	20030409
	WO 2003-US31974	W	20031008

L7 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:550993 HCAPLUS <<LOGINID::20060721>>

DN 139:112730

TI Method for production of highly phosphorylated human acid .beta.-

glucocerebrosidase (GBA), and use of GBA in treating bone or lung tissue of patient with Gaucher's disease

IN Canfield, William

PA Novazyme Pharmaceuticals, Inc., USA

SO U.S. Pat. Appl. Publ., 54 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003133924	A1	20030717	US 2001-24197	20011221
	WO 2003056897	A2	20030717	WO 2002-US37623	20021220
	WO 2003056897	A3	20041209		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002367286	A1	20030724	AU 2002-367286	20021220
PRAI	US 2001-24197	A	20011221		
	WO 2002-US37623	W	20021220		

L7 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:906533 HCAPLUS <<LOGINID::20060721>>

DN 140:89038

TI Alkaloids from the Poisonous Plant Ipomoea carnea: Effects on Intracellular Lysosomal Glycosidase Activities in Human Lymphoblast Cultures

AU Ikeda, Kyoko; Kato, Atsushi; Adachi, Isao; Haraguchi, Mitsue; Asano, Naoki

CS Faculty of Pharmaceutical Sciences, Hokuriku University, Kanagawa, Kanazawa, 920-1181, Japan

SO Journal of Agricultural and Food Chemistry (2003), 51(26), 7642-7646

CODEN: JAFCAU; ISSN: 0021-8561

PB American Chemical Society

DT Journal

LA English

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 5

AN 2002:157596 HCAPLUS <<LOGINID::20060721>>

DN 136:199031

TI High mannose proteins and methods of making high mannose proteins

IN Kinoshita, Carol A.; Prashant, Mishra; Borowski, Marianne; Francis-Daniel, Peter

PA Transkaryotic Therapies, Inc., USA

SO PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002015927	A1	20020228	WO 2001-US25882	20010817
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2388041	AA	20020228	CA 2001-2388041	20010817
	AU 2001085061	A5	20020304	AU 2001-85061	20010817
	EP 1309340	A1	20030514	EP 2001-964176	20010817
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004506438	T2	20040304	JP 2002-520848	20010817
	NZ 519014	A	20050429	NZ 2001-519014	20010817
PRAI	US 2000-641471	A1	20000818		
	WO 2001-US25882	W	20010817		

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 19 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN
 AN 2001-290356 [30] WPIDS <<LOGINID::20060721>>
 DNC C2005-217430
 TI Novel N-acetylglucosamine-1-phosphotransferase and N-acetylglucosamine-1-phosphodiester alpha-N-Acetylglucosaminidase, useful for producing phosphorylated lysosomal hydrolase for treating lysosomal storage diseases.
 DC B04 D16
 IN CANFIELD, W M
 PA (CANF-I) CANFIELD W M; (WILL-I) WILLIAM M C; (NOVA-N) NOVAZYME PHARM INC; (GENZ-N) GENZYME GLYCOBIOLOGY RES; (GENZ-N) GENZYME GLYCOBIOLOGY RES INST INC
 CYC 95
 PI WO 2001019955 A2 20010322 (200130)* EN 91 C12N000-00
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ
 NL OA PT SD SE SL SZ TZ UG ZW
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM
 DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE
 SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 AU 2000073303 A 20010417 (200140) C12N000-00
 US 2002025550 A1 20020228 (200220) C12P021-06
 EP 1224266 A2 20020724 (200256) EN C12N009-12
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 BR 2000014514 A 20020723 (200257) C12N009-12
 US 2002150981 A1 20021017 (200270) C12P021-06
 JP 2003509043 W 20030311 (200319) 94 C12N015-09
 US 6534300 B1 20030318 (200322) C12N009-14
 US 6537785 B1 20030325 (200325) A61K038-47
 US 2003148460 A1 20030807 (200358) C12P021-02
 US 6642038 B1 20031104 (200374) C12N009-14
 US 6670165 B2 20031230 (200402) C12N009-14
 US 6770468 B1 20040803 (200451) C12N009-16
 MX 2002002901 A1 20031201 (200470) A61K038-44
 US 6828135 B2 20041207 (200480) C12N009-16
 US 6861242 B2 20050301 (200516) C12N009-14
 US 2005089869 A1 20050428 (200530) C12Q001-68
 AU 783224 B2 20051006 (200607) C12N009-12
 US 2006073498 A1 20060406 (200625) C12Q001-68
 US 7067127 B2 20060627 (200643) A61K038-43
 ADT WO 2001019955 A2 WO 2000-US21970 20000914; AU 2000073303 A AU 2000-73303 20000914; US 2002025550 A1 Provisional US 1999-153831P 19990914, Cont of US 2000-635872 20000810, US 2001-895072 20010702; EP 1224266 A2 EP 2000-961335 20000914, WO 2000-US21970 20000914; BR 2000014514 A BR 2000-14514 20000914, WO 2000-US21970 20000914; US 2002150981 A1 Provisional US 1999-153831P 19990914, Div ex US 2000-635872 20000810, US 2001-986552 20011109; JP 2003509043 W WO 2000-US21970 20000914, JP 2001-523727 20000914; US 6534300 B1 Provisional US 1999-153831P 19990914, US 2000-635872 20000810; US 6537785 B1 Provisional US 1999-153831P 19990914, US 2000-636077 20000810; US 2003148460 A1 Provisional US 1999-153831P 19990914, Div ex US 2000-636596 20000810, US 2002-306686 20021129; US 6642038 B1 Provisional US 1999-153831P 19990914, US 2000-636060 20000810; US 6670165 B2 Provisional US 1999-153831P 19990914, Div ex US 2000-635872 20000810, US 2001-986552 20011109; US 6770468 B1 Provisional US 1999-153831P 19990914, US 2000-636596 20000810; MX 2002002901 A1 WO 2000-US21970 20000914, MX 2002-2901 20020314; US 6828135 B2 Provisional US 1999-153831P 19990914, Div ex US 2000-636596 20000810, US 2002-306686 20021129; US 6861242 B2 Provisional US 1999-153831P 19990914, Cont of US 2000-635872 20000810, US 2001-895072 20010702; US 2005089869 A1 Provisional US 1999-153831P 19990914, Div ex US 2000-636060 20000810, US 2003-657280 20030909; AU 783224 B2 AU 2000-73303 20000914; US 2006073498 A1 Provisional US 1999-153831P 19990914, Div ex US 2000-636060 20000810, Cont of US 2003-657280 20030909, US 2005-199233 20050809; US 7067127 B2 Provisional US 1999-153831P 19990914, Div ex US 2000-636060 20000810, US 2003-657280 20030909
 FDT AU 2000073303 A Based on WO 2001019955; EP 1224266 A2 Based on WO 2001019955; BR 2000014514 A Based on WO 2001019955; JP 2003509043 W Based on WO 2001019955; US 6670165 B2 Div ex US 6534300; MX 2002002901 A1 Based on WO 2001019955; US 6861242 B2 Cont of US 6534300; US 2005089869 A1 Div ex US 6642038; AU 783224 B2 Based on WO 2001019955; US 2006073498 A1 Div

ex US 6642038; US 7067127 B2 Div ex US 6642038
 PRAI US 1999-153831P 19990914; US 2000-635872 20000810;
 US 2001-895072 20010702; US 2001-986552 20011109;
 US 2000-636077 20000810; US 2000-636596 20000810;
 US 2002-306686 20021129; US 2000-636060 20000810;
 US 2003-657280 20030909; US 2005-199233 20050809
 IC ICM A61K038-43; A61K038-44; A61K038-47; A61K038-48; C12N000-00;
 C12N009-12; C12N009-14; C12N009-16; C12N015-09; C12P021-02;
 C12P021-06; C12Q001-68
 ICS A61K038-46; A61K038-51; A61P043-00; C07H021-00; C07H021-04;
 C07K014-00; C07K016-40; C12N001-00; C12N001-15; C12N001-19;
 C12N001-20; C12N001-21; C12N005-06; C12N005-10; C12N009-08;
 C12N009-10; C12N009-24; C12N009-26; C12N009-36; C12N015-00;
 C12N015-63

L7 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2006 ACS on STN
 AN 1996:379677 HCAPLUS <<LOGINID::20060721>>
 DN 125:41763

TI Site-specific biomolecular complexes for drug delivery to brain
 IN Katz, Robert; Tomoaia-Cotisel, Maria
 PA Molecular/structural Biotechnologies, Inc., USA
 SO PCT Int. Appl., 62 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9604001	A1	19960215	WO 1995-US9870	19950804
	W: AU, CA, HU, JP, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5716614	A	19980210	US 1994-286327	19940805
	US 6005004	A	19991221	US 1995-487693	19950607
	AU 9532755	A1	19960304	AU 1995-32755	19950804
	EP 952841	A1	19991103	EP 1995-929378	19950804
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
PRAI	US 1994-286327	A	19940805		
	US 1995-487693	A	19950607		
	WO 1995-US9870	W	19950804		

L7 ANSWER 17 OF 19 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 1994:503978 SCISEARCH <<LOGINID::20060721>>

GA The Genuine Article (R) Number: PA559

TI IN-VIVO INHIBITION OF BETA-GLUCOSIDASE AND BETA- ***MANNOSIDASE***
 ACTIVITY IN RATS BY 2-DEOXY-2-FLUORO-BETA-GLYCOSYL FLUORIDES AND RECOVERY
 OF ACTIVITY IN-VIVO AND IN-VITRO

AU MCCARTER J D (Reprint); ADAM M J; HARTMAN N G; WITHERS S G

CS UNIV BRITISH COLUMBIA, DEPT CHEM, VANCOUVER V6T 1Z1, BC, CANADA; UNIV
 BRITISH COLUMBIA, TRIUMF, VANCOUVER V6T 2A3, BC, CANADA; OTTAWA CIVIC
 HOSP, DIV NUCL MED, OTTAWA K1Y 4E9, ON, CANADA

CYA CANADA

SO BIOCHEMICAL JOURNAL, (15 JUL 1994) Vol. 301, Part 2, pp. 343-348.
 ISSN: 0264-6021.

PB PORTLAND PRESS, 59 PORTLAND PLACE, LONDON, ENGLAND W1N 3AJ.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 25

ED Entered STN: 1994

Last Updated on STN: 1994

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L7 ANSWER 18 OF 19 MEDLINE on STN

DUPLICATE 6

AN 91115685 MEDLINE <<LOGINID::20060721>>

DN PubMed ID: 2148935

TI Biological activities of cyclophellitol.

AU Atsumi S; Iinuma H; Nosaka C; Umezawa K

CS Institute of Microbial Chemistry, Tokyo, Japan.

SO The Journal of antibiotics, (1990 Dec) Vol. 43, No. 12, pp. 1579-85.

Journal code: 0151115. ISSN: 0021-8820.

CY Japan

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199103
ED Entered STN: 29 Mar 1991
Last Updated on STN: 3 Feb 1997
Entered Medline: 5 Mar 1991

L7 ANSWER 19 OF 19 MEDLINE on STN DUPLICATE 7
AN 83177078 MEDLINE <<LOGINID::20060721>>
DN PubMed ID: 6404222
TI Castanospermine, a tetrahydroxylated alkaloid that inhibits
beta-glucosidase and beta- ***glucocerebrosidase*** .
AU Saul R; Chambers J P; Molyneux R J; Elbein A D
NC AM 21800 (NIADDK)
GM28949 (NIGMS)
SO Archives of biochemistry and biophysics, (1983 Mar) Vol. 221, No. 2, pp.
593-7.
Journal code: 0372430. ISSN: 0003-9861.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198305
ED Entered STN: 18 Mar 1990
Last Updated on STN: 3 Feb 1997
Entered Medline: 5 May 1983

=> DIS HIS

(FILE 'HOME' ENTERED AT 18:03:39 ON 21 JUL 2006)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 18:04:07 ON 21 JUL 2006

L1 6137 S GLUCOCEREBROSIDASE
L2 1806 S L1 (5A) GENE
L3 0 S L2 (5A)MANNOSIDASE
L4 3 S L2 AND MANNOSIDASE
L5 74 S L1 AND MANNOSIDASE
L6 32 S L5 AND INHIBITOR
L7 19 DUP REM L6 (13 DUPLICATES REMOVED)

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	54.24	54.45

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:10:08 ON 21 JUL 2006